

1 DR. RUBINSTEIN: Yes.

2 DR. REDMAN: Yes, but it's still a poor
3 instrument.

4 (Laughter.)

5 DR. BLAYNEY: Yes.

6 DR. NERENSTONE: So then, the question is, do
7 the data represent significant evidence of clinical benefit
8 that outweighs the toxicity of treatment?

9 Sorry. 10 yes, 3 no.

10 The second part. Do the data represent
11 significant evidence of clinical benefit that outweighs the
12 toxicity of treatment?

13 Is this really the approval question? Not yet,
14 okay.

15 DR. TEMPLE: No. But because it includes both
16 evidence of benefit and toxicity, it's very close. Maybe
17 we should have written it differently.

18 DR. NERENSTONE: Dr. Blayney?

19 DR. BLAYNEY: Yes.

20 DR. REDMAN: Abstain.

21 DR. RUBINSTEIN: No, but I'd like to say that
22 this begs the question of whether the preventive goals have
23 been addressed adequately and whether the FDA's objections
24 to using the preventive data are something that we agree
25 with.

1 DR. PAZDUR: We can come back to that question.

2 DR. NERENSTONE: Okay, we'll come back to the
3 preventive as an endpoint.

4 So, you're a no. Correct?

5 DR. RUBINSTEIN: I'm a no.

6 DR. TEMPLE: Stacy, before you leave that, it's
7 worth remembering that even the company's analysis for each
8 study doesn't show a benefit, including the preventive.
9 So, keep that in mind too.

10 DR. PELUSI: No.

11 DR. SLEDGE: No.

12 DR. NERENSTONE: No.

13 DR. PRZEPIORKA: Abstain.

14 DR. CARPENTER: No.

15 DR. LIPPMAN: No, again for the reasons that
16 Dr. Glisson reiterated. We just don't have the data. We
17 don't have the data of the control rates in the placebo. I
18 think that's why I say no.

19 MR. GRUETT: No.

20 DR. ALBAIN: Abstain.

21 DR. KELSEN: No.

22 DR. GLISSON: No.

23 DR. NERENSTONE: There are 3 abstentions, 1
24 yes, and 9 noes.

25 Question 2. Do the following data on response

1 rate independently represent clinical benefit of treatment
2 with the CEG that outweighs its toxicity in the treatment
3 symptomatic of recurrent head and neck cancer? Does the
4 response rate represent clinical benefit?

5 They remind you that 65 percent of the patients
6 that were responding were from stratum 1, or tumors less
7 than 5 centimeters cubed.

8 Dr. Glisson?

9 DR. GLISSON: No.

10 DR. KELSEN: I'm going to interpret this to
11 mean does shrinkage alone mean something clinically, and my
12 answer is no.

13 DR. ALBAIN: I don't think we know. I'm going
14 to abstain again. I've never abstained in three years.
15 It's two in one vote.

16 MR. GRUETT: No.

17 DR. LIPPMAN: No.

18 DR. CARPENTER: No.

19 DR. PRZEPIORKA: No.

20 DR. NERENSTONE: No.

21 DR. SLEDGE: No.

22 DR. PELUSI: No.

23 DR. RUBINSTEIN: I'm going to interpret to this
24 to mean that whatever clinical benefit may or may not
25 pertain to the response rate outweighs the toxicity, and on

1 that basis, I say yes.

2 DR. REDMAN: Again, this is the bona fide
3 response rate, not the clinical benefit. This is the
4 clinical tumor shrinkage response rate.

5 Based on the question, I'd have to say yes.

6 DR. BLAYNEY: Yes.

7 DR. NERENSTONE: 1 abstention, 3 yes, 9 noes.

8 Number 3. Please discuss the clinical value of
9 local treatments for head and neck cancer in patients with
10 systemic disease or patients with locoregional progression.

11 DR. PAZDUR: You've kind of done this already,
12 for the sake of time.

13 DR. NERENSTONE: Right. Do you want a vote?

14 DR. PAZDUR: There's no vote possible. It's a
15 discussion point and I think we've discussed this already.

16 DR. NERENSTONE: Number 4. Do these trials
17 provide substantial evidence that the cisplatin gel is safe
18 and effective in the treatment of symptomatic recurrent
19 head and neck cancer?

20 DR. TEMPLE: I think before you do that, you
21 have to do Dr. Albain's question because you can provide
22 substantial evidence for a surrogate approval too and then
23 your standards are different. So, until you grapple with
24 that, at least a little bit, you can't really answer this.

25 DR. WILLIAMS: One issue that would have to be

1 addressed before you grapple with accelerated approval
2 would be that the population that was studied had no
3 alternative therapies. That was not the whole population.
4 So, there's some difficulty in discussing that. Do you
5 have any suggestions?

6 DR. TEMPLE: Well, that's a reminder of what
7 accelerated approval refers to. It means there has to be
8 no alternative or no good alternative or this is better
9 than existing alternatives, and it has to be for a serious
10 or life-threatening disease. I guess that one is fairly
11 easy.

12 DR. WILLIAMS: I guess what I'm saying is I
13 guess before we really grappled with it as an agency, we'd
14 have to do some more review of the application to see how
15 many patients there were that had no available therapy and
16 what the response rate was. So, whatever you discuss
17 begins with the caveat that we may then decide that there's
18 not sufficient data.

19 DR. PAZDUR: Here again, the actual ruling on
20 this is that the response rate or the surrogate endpoint
21 must reasonably likely be predictive of clinical benefit.
22 We'd just like to remind people that there has to be this
23 link. It's just not that it's there. The size of the
24 lesions, the location of the lesions might come into play
25 here. What is the magnitude of a local response rate since

1 we do not have a lot of experience in dealing in this area?

2 DR. WILLIAMS: I think it sort of goes back to
3 Dr. Carpenter's comment. If you believe that this trial
4 was designed with a reasonable chance of finding clinical
5 benefit and didn't, then I think that's a problem for going
6 forward with those discussions. If you believe that the
7 trial was so insufficiently designed or powered to detect
8 it, so that you believe that it's reasonably likely that
9 the response does predict clinical benefit, I think that
10 would have to be the circumstance under which you made
11 further discussion of the issue.

12 DR. NERENSTONE: Just one comment about this.
13 I'll open up the discussion. Talking to Dr. Couch who, as
14 I said, is a head and neck surgeon, we talked about, well,
15 what about these big tumors where you're worried. And I
16 think that gets back to Dr. Lippman's concern. We saw the
17 high response rate, but it's really in the small tumors
18 that really are not causing life-threatening problems, at
19 least at the time they're being treated. The whole issue
20 of prevention is another whole issue.

21 But at least in terms of response rate, her
22 feeling was that this drug is extraordinarily unsafe for
23 large tumors in the neck especially because of the prior
24 surgeries. Her feeling was that was exactly the patient
25 population who you want to treat because you have very

1 little options, but in whom the toxicity is much too high,
2 and that the worst thing you want to do with these patients
3 is hasten their demise by a product that has questionable
4 benefit.

5 DR. LIPPMAN: I don't know how often this
6 happens, but I assume there are some cases where you do
7 reflect and we reflect to the sponsor that there's some
8 very provocative findings here that we'd like to see
9 followed on and evaluated along the lines we've indicated.
10 To me that isn't synonymous with accelerated approval.

11 DR. WILLIAMS: Right. I agree.

12 DR. TEMPLE: Accelerated approval means it gets
13 marketed while that happens, and a good suggestion means it
14 doesn't.

15 DR. LIPPMAN: Right. That's where, as I
16 indicated before, I draw the line. I'd like to see some of
17 this followed up, but I don't think we have the data now to
18 make an accelerated approval.

19 DR. WILLIAMS: Why don't I go ahead and suggest
20 a question? Based on these data, do you think this tumor
21 response rate is reasonably likely to predict clinical
22 benefit after all that we've been through here? That's the
23 first question that I think is reasonable to ask.

24 DR. NERENSTONE: Do you want a vote?

25 DR. PAZDUR: That's the essence of the

1 | accelerated approval. So, basically would the response
2 | rate presented in small tumors -- in fact, many of these
3 | occurred in stratum 1 or the majority occurred in stratum
4 | 1. Would this be reasonably likely to predict for clinical
5 | benefit?

6 | DR. NERENSTONE: Grant, do you want to repeat
7 | the exact wording so that Karen can get it down?

8 | DR. WILLIAMS: Okay. Would the response rate
9 | which has been seen in these trials be reasonably likely to
10 | predict clinical benefit? I mean, it's in these trials.
11 | These are the trials that we have. So, we don't need to
12 | specify. It's what these trials were.

13 | DR. FRYKMAN: I'd like to add one comment, and
14 | that has to do again with accelerated approval. The
15 | presumption with accelerated approval is that there is an
16 | association between the surrogate and the actual clinical
17 | benefit. Again, we'll go back to the data that was
18 | presented here. Even under the sponsor's analysis, let
19 | alone the FDA's analysis, that linkage or what we're
20 | calling a linkage is actually very weak. In our more
21 | conservative analysis, it was 13 percent in the 414 study
22 | and 38 percent in the European study, which was conducted
23 | better. So, it seems to me that there is good evidence
24 | that there is no association.

25 | DR. NERENSTONE: Dr. Temple.

1 DR. TEMPLE: If you believe the numbers, a 40
2 or 50 percent sensitivity, I don't believe it's reasonable
3 to call that very weak. That would be very impressive if
4 it were true. What you've heard is discussion of why our
5 review doesn't think that it's true. So, I don't think
6 that's the problem.

7 I think the problem is what you're talking
8 about. Is the observed response rate, given the clinical
9 data -- you're allowed to look at that -- something that
10 makes you think that these responses are likely to lead to
11 clinical benefit, with all the reservations people have
12 said, that they're small, that to the extent people have
13 been able to look at this endpoint, you didn't see that
14 much, but you didn't see absolutely nothing. All of those
15 things. How does that add up?

16 And then later on, you'd weigh that against the
17 observed toxicity, but that's a different question.

18 DR. WILLIAMS: I think basically the
19 credibility of the data from this instrument -- if we
20 believe that the data are credible -- we believe that there
21 was no result. If you don't believe the data are credible,
22 then I think there could have been a result there that we
23 didn't see. And it would fall back to your original
24 suspicion or reasonable likeliness that there is a
25 correlation.

1 DR. NERENSTONE: So, do you want us to vote on
2 this? Okay.

3 DR. RUBINSTEIN: Could I just make one
4 statement? The response rate for stratum 2 is 21 percent.
5 Now, that may be considered low, but it's there. The
6 response rate for stratum 1 is 37 percent. So, there
7 definitely is a difference, but it's not that all the
8 responses are occurring in stratum 1.

9 DR. SRIDHARA: Overall, of the responses that
10 are there, two-thirds of them are coming from stratum 1,
11 and one-third are coming from stratum 2.

12 DR. NERENSTONE: The question before us, will
13 the response rate presented in these trials be reasonably
14 likely to predict clinical benefit? Dr. Glisson, why don't
15 we start with you.

16 DR. GLISSON: Yes. I believe we actually
17 already voted on this issue. I'll say no again.

18 DR. KELSEN: No.

19 DR. ALBAIN: Possibly.

20 (Laughter.)

21 DR. NERENSTONE: You only have three choices:
22 yes, no, or abstain.

23 DR. ALBAIN: All right. I will do it again.
24 Yes.

25 MR. GRUETT: No.

1 DR. LIPPMAN: Again, this is related to
2 question 2, which I think is what Dr. Glisson was referring
3 to. I had my hand up because it would be nice to qualify
4 the question a little bit just to indicate response rate
5 and response duration because that's really what I'm
6 looking at. There was an overwhelming percentage of CRs
7 here and they were very durable. So, the response rate
8 itself for the CR rate -- I don't know how I'd interpret
9 that, but the fact that the median durations were 2 to 3
10 months influences my answer of no.

11 DR. WILLIAMS: It's meant to reflect the CR,
12 PR, and duration.

13 DR. LIPPMAN: So, your question reflects
14 duration also.

15 DR. WILLIAMS: Right.

16 DR. LIPPMAN: No.

17 DR. CARPENTER: Yes.

18 DR. PRZEPIORKA: Not to upstage Scott, but as
19 Dr. Rubinstein pointed out, the CR rate is pretty
20 impressive. If you actually go through the breakdown of
21 who responds the most, it's people with oropharyngeal
22 lesions which may be less than 5 centimeters, but they're
23 in a very small space unless they're a Steelers' fan or
24 something.

25 Time to progression, as he pointed out, is

1 better with the gel.

2 There is a higher dropout rate in the placebo
3 because of greater progression in the placebo. So, people
4 on the treatment arm aren't dropping out because of
5 toxicity, and in fact, if you look at dropouts for
6 toxicity, they aren't very much different.

7 I think the tool that they used to look for
8 clinical benefit is absolutely crummy. There are all sorts
9 of other indicators that there's probably clinical benefit
10 there, but somebody has to figure out what it is.

11 So, the answer to the question is yes.

12 DR. NERENSTONE: No.

13 DR. SLEDGE: No.

14 DR. PELUSI: No.

15 DR. RUBINSTEIN: Yes.

16 DR. REDMAN: Yes.

17 DR. BLAYNEY: My answer is yes. I think that
18 this is going to get applied early in the clinical course
19 before tumors get huge, and they can probably pick some
20 critical areas to get at the clinical benefit.

21 DR. NERENSTONE: And the results are 6 yes, 7
22 noes. Pretty evenly divided there.

23 Do we hit number 4?

24 DR. TEMPLE: But you do have to divide the last
25 into conventional and --

1 DR. PAZDUR: Well, that's the next question.
2 The last question is basically safe and effective and
3 demonstrating clinical benefit.

4 DR. TEMPLE: We'll take the previous vote as
5 meaning the people who thought yes would probably agree
6 that it should be approved under accelerated approval. And
7 this is the question about not under accelerated approval.

8 DR. NERENSTONE: So, number 4 is for standard
9 approval.

10 DR. PAZDUR: Yes, demonstration of clinical
11 benefit.

12 DR. NERENSTONE: Do these trials provide
13 substantial evidence that the cisplatin gel is safe and
14 effective in the treatment of symptomatic recurrent head
15 and neck cancer? So, the application as it stands now for
16 regular approval.

17 Dr. Blayney?

18 DR. BLAYNEY: No.

19 DR. REDMAN: This is for regular approval.

20 DR. NERENSTONE: This is for the application we
21 have now.

22 DR. REDMAN: No.

23 DR. RUBINSTEIN: No.

24 DR. PELUSI: No.

25 DR. SLEDGE: No.

1 DR. NERENSTONE: No.

2 DR. PRZEPIORKA: No.

3 DR. CARPENTER: No.

4 DR. LIPPMAN: My answer is no, but I again
5 think I'm not sure the vote would have been the same if it
6 was listed as accelerated approval. I don't know how
7 important that is to you, but I think --

8 DR. TEMPLE: We're assuming that. We're
9 assuming the previous vote represents accelerated approval.
10 7 noes, 6 yes.

11 DR. LIPPMAN: I'm not sure that's the case.
12 I'd be interested to see what the vote is if accelerated
13 approval is put on the table. So, if that's important to
14 you, it might be worth voting on it.

15 But the answer to this question is no.

16 MR. GRUETT: No.

17 DR. ALBAIN: No.

18 DR. KELSEN: No.

19 DR. GLISSON: No.

20 DR. NERENSTONE: Do you want an accelerated
21 approval vote?

22 DR. PAZDUR: If would like to. We considered
23 the previous question reasonably likely to demonstrate
24 clinical benefit equivalent to an accelerated approval
25 because that is the criteria that we would use to make that

1 decision.

2 DR. NERENSTONE: Do you want it to be explicit,
3 committee, so that you understand that's what we're now
4 talking about? So, if this application were an accelerated
5 approval, meaning that there would be phase IV commitments
6 to do other studies to show clinical benefit, because
7 that's the only way it could get full approval is if
8 clinical benefit were shown under the rules of accelerated
9 approval, so that we would approve this application with
10 those further commitments.

11 DR. PAZDUR: And the drug would be fully
12 marketed here also, commercially available.

13 DR. WILLIAMS: As opposed to the previous
14 question, your vote would indicate that you do think that
15 the response rate is reasonably likely to predict clinical
16 benefit, and for that reason, it's reasonable for us to
17 approve the drug and then demonstrate the clinical benefit.
18 So, by voting for accelerated approval, you'd also be
19 voting the previous question.

20 DR. TEMPLE: It implies that the benefit
21 suggested by the response rate outweighs whatever risks
22 there are too. So, that is a little different from the
23 previous question.

24 DR. LIPPMAN: And the drug would be marketed
25 and then used.

1 DR. PAZDUR: Correct.

2 DR. NERENSTONE: But there would have to be a
3 commitment for a phase IV trial. Is that likely to get
4 done?

5 DR. PAZDUR: That's what you have to consider
6 also in making a determination here because the negotiation
7 with the company is that these trials would be done with
8 due diligence.

9 DR. NERENSTONE: Okay. To restate the
10 question, should this be approved under the accelerated
11 approval mechanism? Dr. Blayney, would you like to start?

12 DR. BLAYNEY: I'm going to --

13 DR. HOWELL: Madam Chairman, a point of
14 information. The company has indicated that it is more
15 than happy to make that phase IV commitment.

16 (Laughter.)

17 DR. NERENSTONE: A wise business decision.

18 (Laughter.)

19 DR. PAZDUR: They haven't heard what the phase
20 IV commitment is, though.

21 (Laughter.)

22 DR. NERENSTONE: We'll have some discussion. I
23 think this is going to be a very important vote. Dr.
24 Albain.

25 DR. ALBAIN: I think it would be absolutely

1 critical that a panel of head and neck surgeons, ENT
2 oncologists, medical oncologists that major in head and
3 neck cancer be involved in a detailed prescription for the
4 labeling that goes beyond just the fine print, but a box
5 portion that would address all of Dr. Couch's concerns and
6 many of the rest of us about in which patients this should
7 be applied once it's on the market.

8 DR. NERENSTONE: Dr. Sledge.

9 DR. SLEDGE: I think we need a little reality
10 testing here. This trial took six years to accrue. I've
11 heard several people around the table, including several of
12 those who think this is a wonderful idea for accelerated
13 approval, say that the instruments used in this trial were
14 crummy. I heard that word from more than one person. So,
15 what we're talking about is developing a new instrument,
16 validating it, and then doing a larger phase III trial? I
17 mean, whose grandchildren are going to approve this drug?

18 (Laughter.)

19 DR. NERENSTONE: Dr. Rubinstein.

20 DR. RUBINSTEIN: Yes, those concerns aside --

21 (Laughter.)

22 DR. RUBINSTEIN: What is the usual procedure?
23 Is a window set of some number of years?

24 DR. PAZDUR: Well, we follow these commitments,
25 but the actual wording is -- and it is one for the

1 interpretation of the division and the agency -- with due
2 diligence basically. We need to have a realistic
3 expectation that this trial can be done vis-a-vis Dr.
4 Sledge's comments.

5 DR. NERENSTONE: In most cases, though, as a
6 point of information, we don't usually do it this way.
7 That is, an application comes where there is a response
8 rate, and it's in a situation where there are no other
9 options available. Then because you want the drug on the
10 market, you say, we think that this response rate is going
11 to translate into clinical benefit as we define it in the
12 future for a phase IV commitment. So, this is a little bit
13 different interpretation in the process of drug
14 development.

15 DR. PAZDUR: Here again, there are some caveats
16 here. We would have to take a look at the number of
17 patients that truly represent an unmet medical need here.

18 Please remember also that this would be
19 precedent setting in the sense that other people that fail
20 their clinical trials could make claims that they have
21 underpowered trials, that they used inappropriate scales to
22 measure clinical benefit, et cetera, and they could come
23 back and say, well, can we now have accelerated approval.
24 So, this is somewhat a precedent-setting situation.

25 I don't know, Bob, if this has happened before.

1 DR. TEMPLE: Undoubtedly.

2 What's unusual about it is that usually you
3 have a trial that was only looking at response rate. So,
4 you didn't not find a clinical benefit. There was never
5 any chance that you were going to find a clinical benefit.
6 Here there was an attempt to look at a clinical benefit.

7 But people have said two opposite things. Some
8 have said it was a good shot, used a good endpoint. Well,
9 it was a little too small but it wasn't that small. So,
10 that in some sense, if you believe that, argues that
11 they've already tested that question.

12 If, in contrast, you believe that the endpoint
13 was crummy and the size of the study gave them almost no
14 hope, then you might believe that, even though they tried,
15 the clinical endpoint has not been assessed and that there
16 is a reasonable possibility that sometime in the next 30
17 years they would succeed in doing it.

18 So, it is a little unusual that way.

19 DR. NERENSTONE: I do want to remind the
20 committee that we had a similar problem with oxaliplatin,
21 if you remember. The endpoints that were in the
22 application were not fulfilled, and there we encouraged the
23 investigators to reapply with a better endpoint. We did
24 not go for accelerated approval. So, that's just to remind
25 people we have been in this situation before where we think

1 | there is a drug with a response rate that might be
2 | significant.

3 | Dr. Pelusi.

4 | DR. PELUSI: I guess one of the things that
5 | bothers me is that I think we're all struggling with the
6 | fact that you see some response, and we all want that to be
7 | a good response. But when we look at the numbers in the
8 | community, and you're asking physicians to do a procedure
9 | that they may not do a lot of, the question is, where is it
10 | the safest done?

11 | So, if we really start to look at that, I think
12 | that that puts something else on the table in terms of is
13 | there a subset of patients that maybe should be treated at
14 | a certain setting where people actually have that type of
15 | experience versus trying to do one every one or two years
16 | and not have the skills that some of the people --

17 | DR. PAZDUR: Part of accelerated approval could
18 | allow us to restrict access to this drug and have it be
19 | used at only specialized centers if that is what you are
20 | suggesting.

21 | DR. PELUSI: Well, I guess I'm struggling with
22 | that because if it just goes on the market, the question is
23 | then is it a free-for-all, and I don't think any of us
24 | would intend that to be so.

25 | DR. NERENSTONE: Mr. Gruett.

1 MR. GRUETT: In an accelerated approval, aren't
2 you offering the patients hope? And I don't believe
3 there's enough hope generated here to offer that feeling
4 within the patients. I would more look at going back into
5 a phase III trial then going into an accelerated approval
6 trial.

7 DR. NERENSTONE: Dr. Przepiorka.

8 DR. PRZEPIORKA: Two comments. I think if
9 there is a phase IV commitment to do a clinical benefit
10 analysis in another trial, there better be some urgency in
11 getting the tool done and validated, and if it is done
12 successfully, it will make a major contribution to oncology
13 because there are other situations in which such a tool
14 would be valuable.

15 With regard to the caveat that Rick brought up,
16 I would hope that in the future, if clinical benefit is
17 going to be a primary outcome, that the FDA has to slam the
18 door and put clinical trials on hold rather than just give
19 some advice and hope that the companies will follow it and
20 that it is not going to let the company go ahead and do a
21 trial where the statistical section is not completed and
22 then turn around and --

23 DR. PAZDUR: Donna, things have changed since
24 then. Obviously, there are special protocol assessments
25 which we've implemented basically for all of our protocols

1 going through that lock us into agreements, and those
2 protocols are reviewed. The provisions for special
3 protocol assessment have occurred after these protocols
4 were initiated. So, unfortunately, there's a lag time here
5 that the party was not able to benefit from that.

6 DR. NERENSTONE: Dr. Howell.

7 DR. HOWELL: Just a point of clarification for
8 the committee. A subsequent trial combining IntraDose with
9 systemic chemotherapy is well underway with a variety of
10 other clinical benefit endpoints.

11 As you all noted, there are a lot of problems
12 with this instrument. That doesn't mean that an
13 appropriate instrument cannot be found and cannot be used
14 to make a good association between tumor response rate,
15 which we all agree is there, and clinical benefit. I think
16 we would ask for your consideration in giving the sponsor
17 the opportunity to try to nail down exactly this kind of
18 issue for the purpose of broadly helping the whole field.

19 DR. NERENSTONE: But that can be done without
20 granting accelerated approval. That study is ongoing.

21 DR. HOWELL: I remind you that this is a tiny
22 patient population who have no other therapeutic options.
23 I would doubt very seriously that this randomized trial
24 would ever be done if there isn't encouragement from a
25 regulatory strategy moving forward in this disease.

1 DR. NERENSTONE: Dr. Frykman.

2 DR. FRYKMAN: Yes. I just wanted to make one
3 comment from the FDA perspective. If accelerated approval
4 is considered and in fact it's granted, then we still have
5 to write a label for this drug. As you recall, in the
6 trial there were a number of dosing errors. In fact,
7 frankly, the truth of the matter is we don't know what dose
8 to have in the label. The sponsor proposes .25 ml per cc,
9 and there's some evidence that was in the briefing document
10 that that may, in fact, not be the right dose. It might
11 actually provide an inferior response rate compared to the
12 .5 ml per cc of tumor.

13 So, I would like to see if it's possible for
14 the phase IV commitment, if that is even being considered,
15 that in fact a consideration of reformulation and perhaps
16 increasing the concentration, while keeping the volume of
17 the gel down while still providing the same amount of
18 platinum per tumor, might be a useful way to go.

19 DR. HOWELL: A point of information: That
20 cannot be done, sir. You're at maximum concentration of
21 drug in this gel.

22 DR. NERENSTONE: Last comment, because
23 otherwise we're going to be here till midnight. Dr.
24 Lippman.

25 DR. LIPPMAN: The issue of sending

1 | encouragement to the sponsor to follow that -- I mean, I
2 | think there must be other ways other than accelerated
3 | approval to do that. We've had this discussion. People
4 | are intrigued. There's definitely clinical activity here
5 | in terms of tumor responses. I think we've suggested some
6 | ways to address that and that we do think -- at least the
7 | sentiment of the committee -- a number of us do think it
8 | should be followed up. And that's not the kind of
9 | encouragement we give every application, as you know. It
10 | hardly ever comes up.

11 | DR. PAZDUR: You should vote for this because
12 | it is reasonably likely to predict clinical benefit, not on
13 | the basis of sending messages to sponsors.

14 | DR. TEMPLE: Because you believe it is. He's
15 | not telling you what to vote.

16 | DR. NERENSTONE: Let's take a vote and
17 | everybody can have their last comment as we go around. The
18 | question is, should this be approved under the accelerated
19 | approval mechanism? Dr. Glisson.

20 | DR. GLISSON: No.

21 | DR. KELSEN: No.

22 | DR. ALBAIN: Yes.

23 | MR. GRUETT: No, but I'd like to see more phase
24 | III study.

25 | DR. LIPPMAN: No. Ditto to that last comment.

1 DR. CARPENTER: Let me think a minute.

2 DR. PRZEPIORKA: Yes.

3 DR. NERENSTONE: No.

4 DR. SLEDGE: No.

5 DR. PELUSI: No.

6 DR. RUBINSTEIN: Abstain because I'm concerned
7 that if we did go for accelerated approval, we would
8 actually make the trial harder to do if the drug were
9 commercially available.

10 DR. REDMAN: I think clinically something is
11 going on, but I can't agree to letting the drug out on the
12 market.

13 DR. NERENSTONE: I take it that's a no.

14 DR. REDMAN: No.

15 DR. BLAYNEY: I'm going to vote yes to be
16 consistent with my previous votes, although I'm wary of
17 setting a precedent here.

18 DR. NERENSTONE: Dr. Carpenter.

19 DR. CARPENTER: No.

20 DR. NERENSTONE: 1 abstention; yes, 3; 9 noes.

21 Thank you very much for this marathon session.
22 We will begin tomorrow at 8 o'clock.

23 (Whereupon, at 7:03 p.m., the committee was
24 recessed, to reconvene at 8:00 a.m., Tuesday, September 11,
25 2001.)